

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***In re* Application of:

Vaughan, et al.

Serial No.: 08/877,684

Filed: June 17, 1997

Title: Supported Late Transition Metal  
Catalyst Systems§  
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BEFORE THE EXAMINER:

James W. Pasterczyk

Group Art Unit No.: 1755

Attorney Docket No.: 96B035/2

Baytown, Texas

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Assistant Commissioner for Patents and Trademarks  
Washington, D.C. 20231**RESPONSE UNDER 37 C.F.R. § 1.111**

Sir:

This reply is submitted in response to the Office Action mailed August 5, 2003.  
Reconsideration of the application is requested.

**IN THE CLAIMS**

Claims 1 -12 are cancelled.

13. (Currently Amended) A transition metal catalyst ~~system, essentially without residual solvent,~~ for olefin polymerization comprising:I) a ~~Group 9, 10 or 11 metal connected to a bidentate ligand~~ transition metal compound represented by the formula:LMX<sub>x</sub> wherein:

- (a) M is a Group 9, 10 or 11 metal;  
(b) L is a bidentate ligand defined by the formula: